

Title (en)  
FILTER ASSEMBLY

Title (de)  
FILTERBAUGRUPPE

Title (fr)  
ENSEMBLE FILTRE

Publication  
**EP 2361132 A4 20120425 (EN)**

Application  
**EP 09823862 A 20091030**

Priority  
• KR 2009006354 W 20091030  
• KR 20080108081 A 20081031

Abstract (en)  
[origin: WO2010050782A2] There is provided a filter assembly that can reduce the thickness of a filter housing and the weight of the filter assembly. A filter assembly may include: a filter housing having a hollow therein and a welding rib provided along a periphery of one side thereof; a filter member arranged inside the filter housing and filtering water flowing into the filter housing; and a housing cap having a welding recess in which the welding rib is inserted, the welding recess smaller than the welding rib so that the welding rib is welded to the welding groove as both sides of the welding rib are rubbed against both sides of the welding recess.

IPC 8 full level  
**B01D 27/00** (2006.01); **B01D 35/30** (2006.01)

CPC (source: EP KR)  
**B01D 27/005** (2013.01 - EP); **B01D 27/08** (2013.01 - EP); **B01D 35/00** (2013.01 - KR); **B01D 35/30** (2013.01 - KR)

Citation (search report)  
• [XII] WO 2005099862 A1 20051027 - CUNO INC [US], et al  
• [X] US 2006243652 A1 20061102 - TUBBY BRIAN J [US], et al  
• [XII] WO 2005021439 A2 20050310 - PENTAPURE INC [US], et al  
• [XP] US 2009236271 A1 20090924 - ESERKALN PAUL W [US], et al  
• See references of WO 2010050782A2

Citation (examination)  
KR 20050028483 A 20050323 - SAN CHEONG CO LTD [KR]

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2010050782 A2 20100506; WO 2010050782 A3 20100729**; CN 102202760 A 20110928; CN 102202760 B 20141203;  
EP 2361132 A2 20110831; EP 2361132 A4 20120425; KR 101094803 B1 20111216; KR 20100048775 A 20100511; MY 149265 A 20130815

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